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10747734\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10747734 on November 12, 2004

Original Classifications

20	370/335
9	370/331
8	370/329
7	370/338
7	370/349
5	370/328
5	370/342
5	455/450
5	455/69
4	370/252
4	370/337
4	455/437
4	455/456.2
4	455/522
4	455/63.1
3	342/457
3	370/310
3	370/465
3	455/423
3	455/442
3	455/458
3	455/560
3	455/562.1
3	455/67.13
2	370/216
2	370/310.2
2	370/315
2	370/318
2	370/320
2	370/332
2	370/347
2	370/348
2	370/350
2	370/441
2	370/458
2	370/468
2	375/130
2	375/132
2	375/340
2	375/347
2	455/12.1
2	455/414.1
2	455/419

2 455/422.1  
2 455/424  
2 455/426.1  
2 455/427  
2 455/432.1  
2 455/434  
2 455/446  
2 455/512  
2 455/555  
2 455/557  
2 455/574  
2 455/67.11  
2 714/752  
2 714/774  
2 725/106

Cross-Reference Classifications

24 370/342  
16 370/468  
15 455/522  
14 455/436  
14 455/450  
10 370/335  
10 370/337  
10 455/561  
8 370/331  
.8 370/347  
8 455/509  
8 455/517  
8 455/69  
7 370/350  
7 370/401  
7 455/466  
6 370/328  
6 370/338  
6 370/442  
6 455/442  
6 455/445  
5 370/252  
5 370/329  
5 455/422.1  
5 455/426.1  
5 455/433  
5 455/452.2  
5 455/562.1  
4 340/825.49  
4 370/352  
4 370/392

4 370/441  
4 370/443  
4 370/458  
4 370/469  
4 375/148  
4 455/430  
4 455/439  
4 455/456.1  
4 455/461  
4 455/553.1  
4 455/560  
4 455/67.11  
4 455/67.13  
3 342/450  
3 370/230  
3 370/254  
3 370/311  
3 370/320  
3 370/333  
3 370/349  
3 370/394  
3 370/412  
3 370/437  
3 370/447  
3 370/448  
3 370/465  
3 370/479  
3 370/503  
3 370/522  
3 375/133  
3 375/150  
3 375/222  
3 375/346  
3 375/349  
3 455/137  
3 455/273  
3 455/276.1  
3 455/423  
3 455/427  
3 455/432.1  
3 455/434  
3 455/435.1  
3 455/447  
3 455/455  
3 455/456.5  
3 455/458  
3 455/462  
3 455/554.1

3 455/557  
3 455/62  
3 455/63.1  
3 455/65  
3 455/70  
2 330/124R  
2 330/149  
2 330/151  
2 340/7.34  
2 340/825.52  
2 342/358  
2 342/457  
2 342/463  
2 370/280  
2 370/310  
2 370/321  
2 370/330  
2 370/332  
2 370/341  
2 370/345  
2 370/395.1  
2 370/395.31  
2 370/397  
2 370/445  
2 370/462  
2 370/463  
2 370/470  
2 370/477  
2 370/486  
2 375/130  
2 375/144  
2 375/146  
2 375/149  
2 375/231  
2 375/232  
2 375/267  
2 375/295  
2 375/298  
2 375/345  
2 375/347  
2 375/348  
2 375/356  
2 375/365  
2 398/118  
2 455/101  
2 455/103  
2 455/13.1  
2 455/277.1

2 455/279.1  
2 455/3.01  
2 455/411  
2 455/417  
2 455/424  
2 455/426.2  
2 455/440  
2 455/443  
2 455/446  
2 455/452.1  
2 455/453  
2 455/506  
2 455/511  
2 455/512  
2 455/515  
2 455/518  
2 455/524  
2 455/525  
2 455/552.1  
2 455/566  
2 455/63.2  
2 455/67.7  
2 708/323  
2 714/751  
2 714/761  
2 714/786  
2 725/123  
2 725/126

## Combined Classifications

30 370/335  
29 370/342  
19 455/450  
19 455/522  
18 370/468  
17 370/331  
15 455/436  
14 370/337  
13 370/329  
13 370/338  
13 455/69  
11 370/328  
11 455/561  
10 370/347  
10 370/349  
9 370/252  
9 370/350  
9 455/442

9 455/517  
8 370/401  
8 455/466  
8 455/509  
8 455/562.1  
7 455/422.1  
7 455/426.1  
7 455/445  
7 455/560  
7 455/63.1  
7 455/67.13  
6 370/441  
6 370/442  
6 370/458  
6 370/465  
6 455/423  
6 455/433  
6 455/452.2  
6 455/458  
6 455/67.11  
5 342/457  
5 370/310  
5 370/320  
5 370/352  
5 370/443  
5 370/469  
5 375/148  
5 455/427  
5 455/432.1  
5 455/434  
5 455/437  
5 455/461  
5 455/557  
4 340/825.49  
4 370/230  
4 370/311  
4 370/332  
4 370/392  
4 370/437  
4 370/522  
4 375/130  
4 375/347  
4 455/276.1  
4 455/424  
4 455/430  
4 455/439  
4 455/446  
4 455/447

4 455/456.1  
4 455/456.2  
4 455/456.5  
4 455/512  
4 455/553.1  
3 330/149  
3 330/151  
3 342/450  
3 370/254  
3 370/318  
3 370/321  
3 370/333  
3 370/394  
3 370/395.1  
3 370/412  
3 370/445  
3 370/447  
3 370/448  
3 370/479  
3 370/503  
3 375/132  
3 375/133  
3 375/150  
3 375/222  
3 375/232  
3 375/346  
3 375/349  
3 375/356  
3 455/12.1  
3 455/13.1  
3 455/137  
3 455/273  
3 455/414.1  
3 455/435.1  
3 455/443  
3 455/452.1  
3 455/453  
3 455/455  
3 455/462  
3 455/515  
3 455/552.1  
3 455/554.1  
3 455/574  
3 455/62  
3 455/65  
3 455/70  
3 714/752  
3 714/786

3 725/106  
2 330/124R  
2 330/52  
2 340/7.27  
2 340/7.34  
2 340/825.52  
2 342/358  
2 342/373  
2 342/463  
2 370/209  
2 370/216  
2 370/236  
2 370/280  
2 370/310.1  
2 370/310.2  
2 370/312  
2 370/315  
2 370/330  
2 370/334  
2 370/341  
2 370/345  
2 370/346  
2 370/348  
2 370/353  
2 370/389  
2 370/395.31  
2 370/397  
2 370/404  
2 370/432  
2 370/438  
2 370/462  
2 370/463  
2 370/470  
2 370/473  
2 370/477  
2 370/486  
2 375/144  
2 375/146  
2 375/149  
2 375/231  
2 375/233  
2 375/261  
2 375/267  
2 375/295  
2 375/298  
2 375/340  
2 375/341  
2 375/345

2 375/348  
2 375/365  
2 375/367  
2 380/247  
2 398/118  
2 455/101  
2 455/103  
2 455/126  
2 455/277.1  
2 455/279.1  
2 455/3.01  
2 455/411  
2 455/412.1  
2 455/417  
2 455/419  
2 455/425  
2 455/426.2  
2 455/428  
2 455/429  
2 455/438  
2 455/440  
2 455/444  
2 455/502  
2 455/506  
2 455/511  
2 455/518  
2 455/524  
2 455/525  
2 455/554.2  
2 455/555  
2 455/566  
2 455/63.2  
2 455/67.7  
2 708/323  
2 709/228  
2 714/704  
2 714/748  
2 714/751  
2 714/761  
2 714/774  
2 725/123  
2 725/126

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Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10747734 on November 12, 2004

30 370/335 (20 OR, 10 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/335 ...Combining or distributing information via  
code word channels using multiple access te  
chniques (e.g.,  
CDMA)

29 370/342 (5 OR, 24 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/342 .Combining or distributing information via cod  
e  
word channels using multiple access techniq  
ues (e.g., CDMA)

19 455/450 (5 OR, 14 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/450 ..Channel allocation

19 455/522 (4 OR, 15 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/522 ....Transmission power control technique

18 370/468 (2 OR, 16 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/468 ..Assignment of variable bandwidth or time  
period for transmission or reception

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17 370/331 (9 OR, 8 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control

15 455/436 (1 OR, 14 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff

14 370/337 (4 OR, 10 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/336 ...Combining or distributing information via  
time channels  
370/337 ....Multiple access (e.g., TDMA)

13 370/329 (8 OR, 5 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment

13 370/338 (7 OR, 6 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/338 ..Contiguous regions interconnected by a local  
area network

13 455/69 (5 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/68 .With control signal  
455/69 ..Transmitter controlled by signal feedback  
from receiver

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11 370/328 (5 OR, 6 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations

11 455/561 (1 OR, 10 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/561 ..Base station detail

10 370/347 (2 OR, 8 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e  
channels  
370/347 ..Multiple access (e.g., TDMA)

10 370/349 (7 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e  
channels  
370/349 ..Using messages having an address field as  
header

9 370/252 (4 OR, 5 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION  
)  
370/252 .Determination of communication parameters

9 370/350 (2 OR, 7 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e  
channels  
370/350 ..Synchronization

9 455/442 (3 OR, 6 XR)  
Class 455 : TELECOMMUNICATIONS

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455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/442 ...Soft handoff

9 455/517 (1 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station

8 370/401 (1 OR, 7 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
header  
370/400 ..Having a plurality of nodes performing  
distributed switching  
370/401 ...Bridge or gateway between networks

8 455/466 (1 OR, 7 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/466 .Auxiliary data signaling (e.g., short message  
service (SMS))

8 455/509 (0 OR, 8 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/509 ...Channel allocation

8 455/562.1 (3 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
  
TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/561 ..Base station detail  
455/562.1 ...Having specific antenna arrangement

7 455/422.1 (2 OR, 5 XR)

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Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system

7 455/426.1 (2 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/426.1 ..Including other radio communication system  
(e.g., cordless telephone, paging, trunking  
, etc.)

7 455/445 (1 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/445 ..Call routing (e.g., to prevent backhaul,  
routing efficiency, least cost, or alternat  
e routing)

7 455/560 (3 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
455/560 ..Switching unit detail (e.g., mobile telephon  
e  
switching office (MTSO), base station contr  
oller (BSC),  
etc.)

7 455/63.1 (4 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference  
prevention, reduction, or compensation

7 455/67.13 (3 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of  
system or part

455/67.13 ..Noise, distortion, or unwanted signal  
detection (e.g., quality control, etc.)

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6 370/441 (2 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/441 .Combining or distributing information via code  
e word channels using multiple access techniques (e.g., CDMA)

6 370/442 (0 OR, 6 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/442 .Combining or distributing information via time  
e channels using multiple access technique (e.g., TDMA)

6 370/458 (2 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/458 .Using time slots

6 370/465 (3 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive

6 455/423 (3 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/423 ..Diagnostic testing, malfunction indication,  
or electrical condition measurement

6 455/433 (1 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/432.1 ..Roaming  
455/433 ...Home location registration (HLR) or visitor  
location registration (VLR) detail

6 455/452.2 (1 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/450 ..Channel allocation

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455/452.1     ...Dynamic allocation

455/452.2     ....Based on service quality (e.g., bandwidth, etc.)

6  455/458     (3 OR, 3 XR)

  Class 455 : TELECOMMUNICATIONS

  455/403     RADIOTELEPHONE SYSTEM

  455/422.1   .Zoned or cellular telephone system

  455/458     ..Specific paging technique

6  455/67.11   (2 OR, 4 XR)

  Class 455 : TELECOMMUNICATIONS

  455/39     TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

  455/67.11   .Having measuring, testing, or monitoring of system or part

5  342/457     (3 OR, 2 XR)

  Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

  342/350     DIRECTIVE

  342/450     ..Position indicating (e.g., triangulation)

  342/457     ..Land vehicle location (e.g., bus, police car

5  370/310     (3 OR, 2 XR)

  Class 370 : MULTIPLEX COMMUNICATIONS

  370/310     COMMUNICATION OVER FREE SPACE

5  370/320     (2 OR, 3 XR)

  Class 370 : MULTIPLEX COMMUNICATIONS

  370/310     COMMUNICATION OVER FREE SPACE

  370/315     .Repeater

  370/316     ..Airborne or space satellite repeater

  370/319     ...Multiple access (e.g., FDMA)

  370/320     ....Code division (CDMA)

5  370/352     (1 OR, 4 XR)

  Class 370 : MULTIPLEX COMMUNICATIONS

  370/351     PATHFINDING OR ROUTING

  370/352     ..Combined circuit switching and packet switching

5  370/443     (1 OR, 4 XR)

  Class 370 : MULTIPLEX COMMUNICATIONS

  370/431     CHANNEL ASSIGNMENT TECHNIQUES

  370/442     ..Combining or distributing information via tim

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channels using multiple access technique (

e.g., TDMA)

370/443 ..Using channel reservation

5 370/469 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS

370/465 .Adaptive

370/469 ..Processing multiple layer protocols

5 375/148 (1 OR, 4 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/147 ..Receiver

375/148 ...Multi-receiver or interference cancellation

5 455/427 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/427 ..Space satellite

5 455/432.1 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/432.1 ..Roaming

5 455/434 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/434 ..Control or access channel scanning

5 455/437 (4 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/437 ...Mobile assisted or initiated

5 455/461 (1 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/461 .Including personal numbering system (i.e.,

or follow-me

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intelligent network for subscriber tracking  
subscriber feature)

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4 370/437 (1 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/437 .Adaptive selection of channel assignment  
technique

4 370/522 (1 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having  
multiple packets  
370/498 .Combining or distributing information via tim  
e  
channels  
370/522 ..Signaling (ancillary to main information)

4 375/130 (2 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/130 SPREAD SPECTRUM

4 375/347 (2 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/346 .Interference or noise reduction  
375/347 ..Diversity (frequency or time)

4 455/276.1 (1 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/269 .With wave collector (e.g., antenna)  
455/272 ..Plural separate collectors  
455/276.1 ...With phase shifting, correcting, or  
regulating in the output path of one or mor  
e collectors

4 455/424 (2 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/423 ..Diagnostic testing, malfunction indication,  
or electrical condition measurement  
455/424 ...System equipment

4 455/430 (0 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system

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455/427 ..Space satellite

455/430 ...Ground station control

4 455/439 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/439 ...Handoff initiated by another source (e.g., target, user initiated, mobile switching ce nter (MSC), or mobile telephone switching office (MTSO), etc.)

4 455/446 (2 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

4 455/447 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

455/447 ...Frequency reuse scheme

4 455/456.1 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

4 455/456.2 (4 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

455/456.2 ...Based on request signal

4 455/456.5 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

455/456.5 ...At system equipment (i.e., base station)

4 455/512 (2 OR, 2 XR)

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Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/509 ...Channel allocation  
455/512 ....Based on priority

4 455/553.1 (0 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/552.1 ..Operable on more than one system  
455/553.1 ...Radiotelephone having plural transceivers  
(e.g., for analog and digital, trunking and  
cellular, etc.)

3 330/149 (1 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/149 HUM OR NOISE OR DISTORTION BUCKING INTRODUCED  
INTO SIGNAL CHANNEL

3 330/151 (1 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/151 WITH AMPLIFIER BYPASS MEANS (E.G., FORWARD  
FEED)

3 342/450 (0 OR, 3 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)

3 370/254 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/254 NETWORK CONFIGURATION DETERMINATION

3 370/318 (2 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater  
370/317 ...Including noise compensation  
370/318 ....Including power control

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3 370/321 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater  
370/316 ..Airborne or space satellite repeater  
370/319 ...Multiple access (e.g., FDMA)  
370/321 ....Time division (TDMA)

3 370/333 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
                  served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control  
370/332 ....Based upon a particular signal quality  
                  measurement  
370/333 .....Signal quality determined by bit error  
                  rate

3 370/394 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
                  header  
370/394 ..Sequencing or resequencing of packets to  
                  insure proper output sequence order

3 370/395.1 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
                  header  
370/395.1 ..Message transmitted using fixed length  
                  packets (e.g., ATM cells)

3 370/412 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
                  header  
370/412 ..Queuing arrangement

3 370/445 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/445 .Carrier sense multiple access (CSMA)

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3 370/447 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/445 .Carrier sense multiple access (CSMA)  
370/447 ..Arbitration for access between contending stations

3 370/448 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/445 .Carrier sense multiple access (CSMA)  
370/447 ..Arbitration for access between contending stations  
370/448 ...Using weighted back-off timing

3 370/479 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having multiple packets  
370/479 .Combining or distributing information via code word channels

e

3 370/503 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having multiple packets  
370/498 .Combining or distributing information via time channels

e

370/503 ..Synchronizing

3 375/132 (2 OR, 1 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/130 SPREAD SPECTRUM  
375/132 .Frequency hopping

3 375/133 (0 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/130 SPREAD SPECTRUM  
375/132 .Frequency hopping  
375/133 ..End-to-end transmission system

3 375/150 (0 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/130 SPREAD SPECTRUM  
375/140 .Direct sequence

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375/147 ..Receiver  
375/150 ...Correlation-type receiver

3 375/222 (0 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/219 TRANSCEIVERS  
375/222 .Modems (data sets)

3 375/232 (1 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/229 EQUALIZERS  
375/230 .Automatic  
375/232 ..Adaptive

3 375/346 (0 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/346 .Interference or noise reduction

3 375/349 (0 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/346 .Interference or noise reduction  
375/349 ..Plural signal paths in receiver

3 375/356 (1 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/354 SYNCHRONIZERS  
375/356 .Network synchronizing more than two stations

3 455/12.1 (2 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/11.1 .Portable or mobile repeater  
455/12.1 ..Space satellite

3 455/13.1 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/11.1 .Portable or mobile repeater  
455/12.1 ..Space satellite  
455/13.1 ...With plural repeater or relay systems

3 455/137 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS

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455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER

455/132 .Plural receivers

455/137 ..With output combining

3 455/273 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER

455/269 .With wave collector (e.g., antenna)

455/272 ..Plural separate collectors

455/273 ...With particular output combining

3 455/414.1 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/414.1 .Special service

3 455/435.1 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/435.1 ..Registration

3 455/443 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/443 ...Overlapping cells

3 455/452.1 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/450 ..Channel allocation

455/452.1 ...Dynamic allocation

3 455/453 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/450 ..Channel allocation

455/453 ...Load balancing

3 455/455 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

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455/422.1 .Zoned or cellular telephone system  
455/455 ..Channel seizing

3 455/462 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/462 .Including private cordless extension system

3 455/515 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/515 ...Control channel monitoring (i.e., paging or  
access channel signaling) for system access

3 455/552.1 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCIEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/552.1 ..Operable on more than one system

3 455/554.1 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCIEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/554.1 ..Remote private branch exchange (PBX) with  
wireless link to landline

3 455/574 (2 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
TRANSCIEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/572 ..Power supply  
455/574 ...Power conservation

3 455/62 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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455/62 .Optimum frequency selection

3 455/65 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference prevention, reduction, or compensation  
455/65 ..Anti-multipath

3 455/70 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/68 .With control signal  
455/70 ..Receiver control signal originates at message  
e transmitter

3 714/752 (2 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code

3 714/786 (1 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/786 ..Forward error correction by tree code (e.g., convolutional)

3 725/106 (2 OR, 1 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM COMMUNICATION  
725/106 .Telephony via television distribution network

2 330/124R (0 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL AMPLIFIER CHANNELS)

2 330/52 (1 OR, 1 XR)

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Class 330 : AMPLIFIERS  
330/52 WITH PILOT FREQUENCY CONTROL MEANS

2 340/7.27 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.36 .Having indication or alarm (e.g., location  
indication)  
340/7.2 ..Code responsive (i.e., paging)  
340/7.24 ...Transmitting configuration  
340/7.25 ....Multiple transmitters  
340/7.27 ....Zoned

2 340/7.34 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.36 .Having indication or alarm (e.g., location  
indication)  
340/7.2 ..Code responsive (i.e., paging)  
340/7.32 ...Power control or battery saving  
340/7.33 ....Based on received signal  
340/7.34 ....Frame based timing

2 340/825.52 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.52 .Addressing

2 342/358 (0 OR, 2 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/352 .Including a satellite  
342/358 ..With satellite signal correction

2 342/373 (1 OR, 1 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/368 .Including a steerable array  
342/373 ..With a matrix

2 342/463 (0 OR, 2 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/350 DIRECTIVE  
342/450 .Position indicating (e.g., triangulation)  
342/463 ..Having plural transmitters or receivers

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2 370/209 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/203 GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL  
TECHNIQUES  
370/208 .Particular set of orthogonal functions  
370/209 ..Walsh functions

2 370/216 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/216 FAULT RECOVERY

2 370/236 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/235 .Flow control of data transmission through a  
network  
370/236 ..Including signaling between network elements

2 370/280 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/276 DUPLEX  
370/277 .Communication over free space  
370/280 ..Time division

2 370/310.1 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/310.1 .Using ATM as a wireles protocol

2 370/310.2 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/310.1 .Using ATM as a wireles protocol  
370/310.2 ..Having a plurality of contiguous regions  
served by respective fixed stations

2 370/312 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/312 .Message addressed to multiple destinations

2 370/315 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/315 .Repeater

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2 370/330 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/330 ...Having both time and frequency assignment

2 370/334 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control  
370/332 ....Based upon a particular signal quality  
measurement  
370/334 .....Using multiple antennas at a station

2 370/341 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/340 .Using trunking  
370/341 ..Channel assignment

2 370/345 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e

channels

2 370/346 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e

channels

370/346 ..Polling

2 370/348 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via tim  
e

channels

370/347 ..Multiple access (e.g., TDMA)  
370/348 ...Channel reservation scheme

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2 370/353 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/352 .Combined circuit switching and packet switching  
370/353 ..Switching network having common elements to handle both circuit switched traffic and pa  
cket switched traffic

2 370/389 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address header

2 370/395.31 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address header  
370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)  
370/395.3 ....Connection identifier assignment  
370/395.31 ....Including routing table

2 370/397 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address header  
370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)  
370/396 ....Distributed switching  
370/397 ....Employing logical addressing for routing (e.g., VP or VC)

2 370/404 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address header  
370/400 ..Having a plurality of nodes performing distributed switching  
370/401 ....Bridge or gateway between networks  
370/402 ....Bridge between bus systems  
370/403 .....At least one bus is a ring network

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370/404 .....Ring or loop forms backbone for interconnecting other networks

2 370/432 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/432 .Messages addressed to multiple destinations

2 370/438 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/438 .Using a separate control line or bus for access control

2 370/462 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/462 .Arbitration for access to a channel

2 370/463 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/431 CHANNEL ASSIGNMENT TECHNIQUES  
370/463 .Details of circuit or interface for connecting user to the network

2 370/470 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/470 ..Frame length

2 370/473 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/473 ..Transmission of a single message having multiple packets

2 370/477 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/473 ..Transmission of a single message having multiple packets  
370/477 .Transmission bandwidth conservation

2 370/486 (0 OR, 2 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS

370/473 ..Transmission of a single message having multiple packets

370/480 ..Combining or distributing information via frequency channels

370/485 ..Subscriber carrier

370/486 ...Program distribution

2 375/144 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/141 ..End-to-end transmission system

375/144 ...Having multi-receiver or interference cancellation

2 375/146 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/146 ..Transmitter

2 375/149 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/140 .Direct sequence

375/147 ..Receiver

375/149 ...Having specific code synchronization

2 375/231 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/229 EQUALIZERS

375/230 .Automatic

375/231 ..Training period or initial set up

2 375/233 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/229 EQUALIZERS

375/230 .Automatic

375/232 ..Adaptive

375/233 ...Decision feedback equalizer

2 375/261 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 ..Plural channels for transmission of a single pulse train

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375/261 ..Quadrature amplitude modulation

2 375/267 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single  
pulse train  
375/267 ..Diversity

2 375/295 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/295 TRANSMITTERS

2 375/298 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/295 TRANSMITTERS  
375/298 .Quadrature amplitude modulation

2 375/340 (2 OR, 0 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/340 .Particular pulse demodulator or detector

2 375/341 (1 OR, 1 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/340 .Particular pulse demodulator or detector  
375/341 ..Maximum likelihood decoder or viterbi decode

r

2 375/345 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/345 .Automatic gain control

2 375/348 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/346 .Interference or noise reduction  
375/348 ..Intersymbol interference

2 375/365 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/354 SYNCHRONIZERS  
375/362 .Frequency or phase control using synchronizing

g

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signal

375/365 ..Synchronization word

2 375/367 (1 OR, 1 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/354 SYNCHRONIZERS  
375/362 .Frequency or phase control using synchronizing  
g  
signal  
375/365 ..Synchronization word  
375/367 ...Pseudo noise

2 380/247 (1 OR, 1 XR)  
Class 380 : CRYPTOGRAPHY  
380/247 CELLULAR TELEPHONE CRYPTOGRAPHIC AUTHENTICATION

2 398/118 (0 OR, 2 XR)  
Class 398 : OPTICAL COMMUNICATIONS  
398/118 .OPTICAL COMMUNICATION OVER FREEE SPACE

2 455/101 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/91 TRANSMITTER  
455/101 .Diversity

2 455/103 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/91 TRANSMITTER  
455/103 .Plural separate transmitters or channels

2 455/126 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/91 TRANSMITTER  
455/126 .With feedback of modulated output signal

2 455/277.1 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER  
455/269 .With wave collector (e.g., antenna)  
455/272 ..Plural separate collectors  
455/277.1 ...Selectively or alternately connected to  
receiver

2 455/279.1 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS

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455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER

455/269 .With wave collector (e.g., antenna)

455/272 ..Plural separate collectors

455/278.1 ...Combined with noise or interference elimination

455/279.1 ....Plural antenna currents entering single transformer

2 455/3.01 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/3.01 WIRELESS DISTRIBUTION SYSTEM

2 455/411 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/410 .Security or fraud prevention

455/411 ..Privacy, lock-out, or authentication

2 455/412.1 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/412.1 .Message storage or retrieval

2 455/417 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/414.1 .Special service

455/417 ..Call diversion

2 455/419 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/418 .Programming control

455/419 ..Remote programming control

2 455/425 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/423 ..Diagnostic testing, malfunction indication, or electrical condition measurement

455/425 ...Subscriber equipment

2 455/426.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

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455/426.2 ..Wireless service for fixed premises equipment  
t (e.g., Wireless Local Loop (WLL) Telco emulator, etc.)

2 455/428 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/427 ..Space satellite  
455/428 ...Switching or routing

2 455/429 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/427 ..Space satellite  
455/429 ...Cell projection

2 455/438 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/438 ...Serving site initiated

2 455/440 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/440 ...Based upon unit location

2 455/444 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/444 ...Between macro and micro cells

2 455/502 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/501 ..Noise, distortion, or singing reduction  
455/502 ...Synchronized stations

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2 455/506 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/501 ..Noise, distortion, or singing reduction  
455/504 ...Fading compensation  
455/506 ....Rayleigh or multipath fading

2 455/511 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/509 ...Channel allocation  
455/511 ....Control channel/voice channel conversion

2 455/518 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/518 ....Having talk group

2 455/524 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/524 ....Multiple base stations

2 455/525 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)  
455/507 ..Central station (e.g., master, etc.)

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455/517 ....To or from mobile station

455/524 ....Multiple base stations

455/525 .....Base station selection

2 455/554.2 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/554.2 ..Equipment detail for providing wireless link  
or, etc.) to fixed equipment (e.g., WLL, Telco emulat

2 455/555 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/555 ..Wireless private branch exchange (PBX) (i.e.

wireless link to extension unit)

2 455/566 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/566 ..Having display

2 455/63.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/63.1 .Distortion, noise, or other interference  
prevention, reduction, or compensation

455/63.2 ..System with hierarchical coverage areas

2 455/67.7 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of  
system or part

455/67.7 ..With indication (e.g., visual or voice  
signalling, etc.)

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2 708/323 (0 OR, 2 XR)  
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING  
AND CALCULATING  
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER  
708/200 .Particular function performed  
708/300 ..Filtering  
708/322 ...Adaptive  
708/323 ....Equalizer

2 709/228 (1 OR, 1 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
709/200 MULTICOMPUTER DATA TRANSFERRING  
709/227 .Computer-to-computer session/connection  
establishing  
709/228 ..Session/connection parameter setting

2 714/704 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/704 .Error count or rate

2 714/748 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/748 ..Request for retransmission

2 714/751 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/748 ..Request for retransmission  
714/751 ...Including forward error correction  
capability

2 714/761 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code  
714/761 ...Random and burst error correction

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2 714/774 (2 OR, 0 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code  
714/774 ...Adaptive error-correcting capability

2 725/123 (0 OR, 2 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
COMMUNICATION  
725/118 .Transmission network  
725/121 ..Return path  
725/123 ...Wireless return path

2 725/126 (0 OR, 2 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
COMMUNICATION  
725/118 .Transmission network  
725/126 ..Detail of use of two-way spectrum

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PLUS Search Results for S/N 10747734, Searched November 12, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6788959	5715526	5745480	5867763	6131034	5652751
6400695	5758288	5920815	5884184	6137784	5696699
6650905	5768686	6198921	5896411	6157628	5699356
6385451	5825762	6278861	6049535	6175737	5717688
6738632	5859838	6295302	6064886	6181945	5838730
6795412	5873043	6359904	6104727	6192038	5862491
6101392	5892464	6477370	6163707	6195554	5875186
6714760	5903552	6608832	6212174	6212387	5917629
6658011	5914958	6744753	6215778	6212387	5920824
6072990	5926503	5757810	6212174	6252910	5987024
6035183	5949773	6014565	6215778	6356531	6002919
6658235	5960341	6122293	6366622	6405039	6073030
6181683	5991329	6201960	6388999	6539237	6104928
6587672	6002672	6434375	6452913	6542754	6131033
6594240	6047178	6424639	6480506	6628942	6141388
6618592	6058306	6751478	6542481	6729929	6151314
6674765	6115388	6339612	6577862	6807431	6229802
6757293	6118773	6697988	6678260	6266342	6301239
6374112	6285664	5987018	6707804	6298043	6631275
6490461	6330460	6097974	6754176	6747976	6687259
6507567	6349094	6167237	6804223	6799024	5806000
6597679	6430414	6330444	6804252	6329902	6621793
6795689	6456608	6405020	6108385	6615382	5666654
6477670	6504836	6480476	5485120	6208959	5400362
6650907	6748215	6587448	5774460	5648987	5448762
6747962	6771964	6697651	6097970	4789983	5467374
5754533	6138025	6765891	5300894	5638422	5687171
6574668	6230005	5771459	5878036	5706274	5734967
6070070	6469998	5913176	6134231	5875179	5761634
6181686	6519248	5970059	6178337	6298053	5189670
6311056	6035178	6456826	5260989	6363062	5265092
6031866	5506848	6795437	5448754	6370153	5295180
5926747	5729680	5826186	5570412	6434113	5349630
5790596	5940381	6246677	5592555	6462717	5392300
5657358	5987303	6553006	5594385	6501741	5437055

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5758090	6023459	6711147	5610554	6512747	5490165
5802110	6128287	6058107	5708655	6678854	5511098
5528597	6192055	6718162	5751250	6781999	5546429
5715516	6556582	6366569	5805576	6788656	5577265
5722051	6608828	6370385	5844522	5278892	5598404
5774461	5457680	6414947	5889768	5793762	5603096
5828677	6167259	6430413	5914944	5887022	5613193
5940454	5945949	6717925	5943327	5257265	5623485
6208620	6684081	6222832	5949790	5424692	5625876
5508707	6731623	6222832	5966642	5898924	5673259
5568482	6765890	5586121	5978362	6131030	5682602
5579374	5751774	5799010	6041241	5210753	5687198
5600706	6144855	5828655	6044265	5384777	5712868
5602903	5200954	5839052	6081706	5515509	5729557
5696760	5673308	5844885	6112058	5612991	5886987